

**Abstract of the Invention**

A system is provided for selecting a foreground region of an image, given a set of pixels defining the boundary of the foreground region of the image. The system includes a component to determine a foreground value (F) and opacity value ( $\alpha$ ) for each pixel on the set wherein  $\alpha$  is determined *via* a subpixel edge-offset to facilitate a separation the foreground region from background portions of the image. The foreground value (F) and opacity value ( $\alpha$ ) are then employed to smoothly mix the foreground region of the image with a subsequent image background region.

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